

EPA FORECASTED AERIAL SURVEY ESTIMATE

Hawkins, Elaine

to:

Brad Jackson

04/30/2009 05:35 PM

Cc:

"McCall, Karen"

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Hi Brad,

Attached is the forecasted cost estimate to perform an aerial radiological survey of the Tenoroc and Coronet Mines. Since the majority of the work is projected to start in FY10, we have placed a 3% escalation factor in the estimate to account for rate changes that may occur.

Please feel free to contact once you have reviewed the forecasted estimate with work description.

Best regard,

Elaine

Elaine Hawkins

Sr. Operations Specialist

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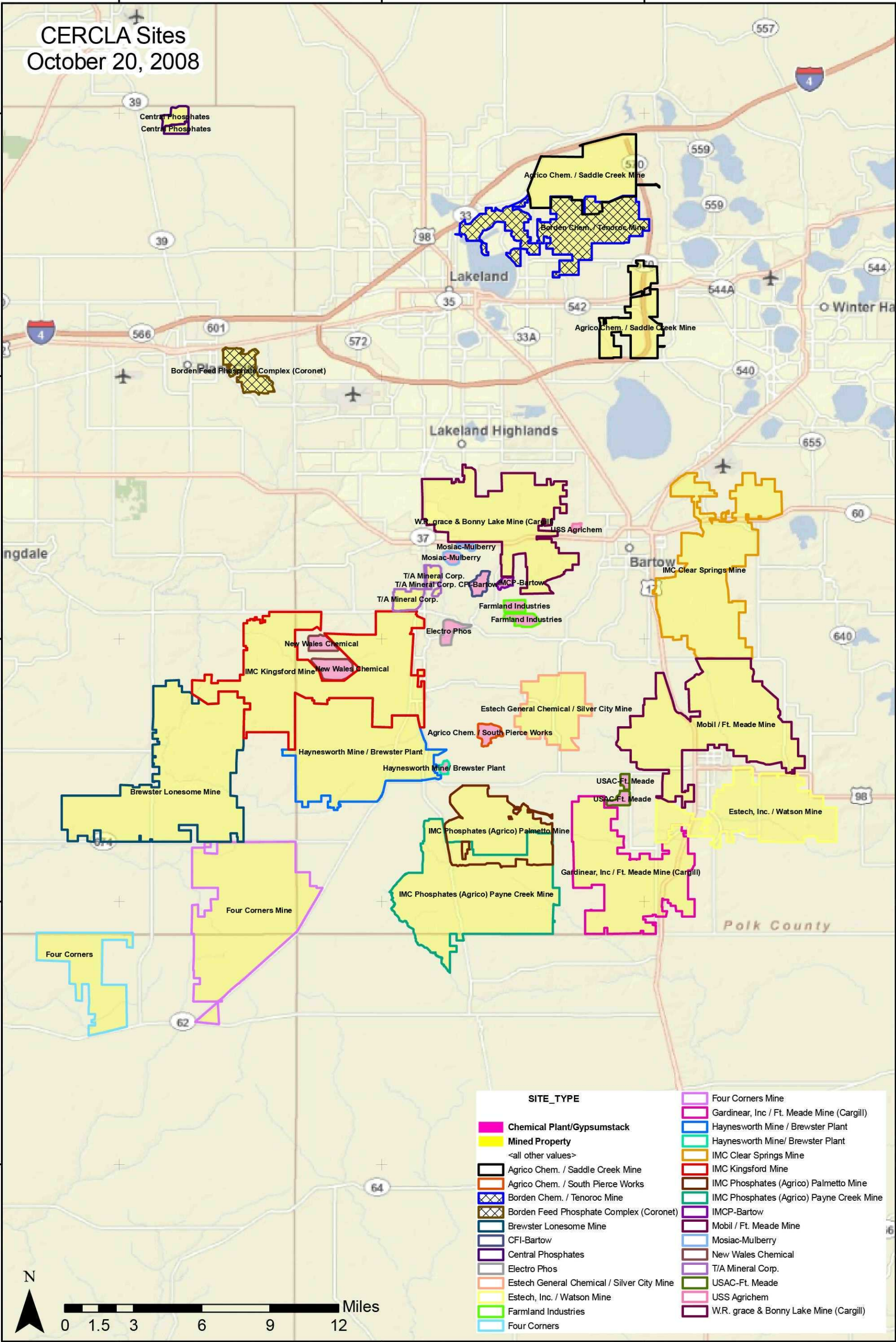
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"If you faint in the day of adversity, your strength is small." Pr. 24:10

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NATIONAL SECURITY TECHNOLOGIES, LLC.

REMOTE SENSING LABORATORY (RSL)

COST FORECAST

FUNDS SOURCE/CUSTOMER: EPA Region IV

REQUESTOR: Karen McCall

PCE: Maria Salomon

EPA Region IV Mini Survey FY10

Background:

Provide a forecast of effort to support an aerial radiological detection survey over Teneroc and Coronet Mines, near Lakeland, FL.

Discussion:

The proposed work entails the following activities:

- 1 Update and distribute the survey flight and work plans as agreed with the EPA customer.
- 2 Provide preparations and planning for a six day aerial radiological survey over Teneroc and Coronet mines in Florida.
- 3 Travel for presurvey planning meeting and fixed base operations activities at survey site.
- 4 Travel and per diem for Remote Sensing Laboratory personnel from Nellis and Andrews Operation Offices.
- 5 Performance of aerial survey activities using a Bell 412 helicopter for 1.5 hour test flight and 20 flight hours over approximately 24 square miles.
- 6 Return personnel/equipment to their home bases; checkout and restore (or replace) equipment to it's readiness configuration.
- 7 Perform 6-8 weeks of post survey processing, validation, and final analysis.
- 8 Provide final survey data analysis in GIS-compatible data set format. Provide CD and hardcopy summary report.
- 9 Provide one two-day post survey meeting with customer in Atlanta, GA.
- 10 Provide administrative oversight to include monthly status and financial reports to the term of the project.

Indirect Rates:

FY09 Revision 2 Global Rates (3-23-09) are used in this estimate.

3% Escalation has been applied to this forecast for FY10 aerial survey work process.

10% Contingency has been applied to this forecast to account for variable labor hour requirements, increase in aircraft rates, and/or unfavorable weather conditions.

Assumptions:

- 1 In the event of a national emergency response or higher NNSA priority, scheduled deliverables and milestones may be delayed.
- 2 All Scientific Technical Information Products (STIP) produced under this SOW will be governed by the Sponsor's review and distribution processes. No products will be NNSA/NSO STIP.
- 3 EPA provided approval to redirect the existing funds to survey another site of interest.
- 4 All work will be performed by RSL employees only.
- 5 This forecasted estimate and work scope assumptions are based on an aerial survey work performance in FY10.
- 6 Preliminary data maps will be provided during the field deployment.

FORECAST

FORECAST SUMMARY

EPA		
LABOR HOURS		1,400
LABOR		179,491
ODC		111,691
SUBCONTRACTS		0
MATERIALS		1,955
SUBTOTAL		293,137
CONTINGENCY	10%	27,149
ESCALATION	3%	8,959
FAC	3%	10,332
S&S	5%	15,145
TOTAL FORECASTED COST (ROUNDED)		355,000

FORECAST